

CSF-E1033

Current functioning of the Animo system and data on pig movements in the Netherlands.

At the start of the Animo system in the Netherlands in 1993 the Dutch authorities chose to operate a centralised system.

This system consists of a central server at the RVV Headquarters in Voorburg with direct logins of the regional RVV offices and the Border Inspection Posts.

The choice of a central system not only reduces the costs for participating in the system, but also adds to a more effective use as all incoming and outgoing information is stored centrally which offers the opportunity to generate a complete overview of all import and export of live animals and certain animal products. This information is used for management purposes, but more important, also for safeguarding procedures. As you can imagine the speed of providing information on outgoing consignments is much higher using a central system, than having to collect the information from different local offices first. Furthermore the Netherlands also based on safeguarding principles added an extra function to the system.

This so called "UBN match program" (UBN stands for Unique farm number) enables the Dutch authorities to trace back all exported pigs per consignment and destination to the farm of origin.

This function was added to the system during the outbreak of CSF in 1997/1998 and will give an instant view of possible export of pigs, also via collection centres, at the moment a certain disease is suspected or confirmed on an individual farm.

In the Netherlands the Animo system is seen as one of the tools to preform veterinary checks on movements of pigs.

Other tools are obligatory reports of expected imports by the importer, obligatory reports to the national I and R system, and on the spot checks on the farms.

In general there are no real problems in working with the system. But of cause improvements can be made. In some cases destination addresses are not complete or cannot be found directly.

A direct message back from the Local veterinary Unit of destination could be helpful to solve handling the incorrect messages.

The messages from the Netherlands are sent three times a day: in morning 10.15 h in the afternoon 16.00 h and in the evening 22.00 h.

Received message are controlled at random (approximately 10 percent) in steady situations.

In case a disease occurs in one of the sending Member States all messages and, when necessary, all consignments are investigated.

Figures on Imports and exports of pigs:

Import data 1998

Kring	Description	Number of animals	consignments
North	fattening pigs	776	7
	Breeding and production pigs	198	20
	Slaughter pigs	645	11
North West	fattening pigs	6109	25
	Breeding and production pigs	6516	103
	Slaughter pigs	718	8
South	fattening pigs	500	1
West	Breeding and production pigs	399	13
	Slaughter pigs	200	1
South	fattening pigs	7132	22
	Breeding and production pigs	3098	54
	Slaughter pigs	976	8
East	Breeding and production pigs	808	15
	Slaughter pigs	13046	157
South west	Breeding and production pigs	235	4
South	Breeding and production pigs	163	7
North	Slaughter pigs	436	5
South	Slaughter pigs	773	9
North	Breeding and production pigs	14	1
	Slaughter pigs	189	3
North West	Breeding and production pigs	22	4
East	fattening pigs	1156	9
	Breeding and production pigs	5763	58
	Slaughter pigs	3792	69
South West	fattening pigs	380	3
	Breeding and production pigs	559	14
	Slaughter pigs	3302	23
South	fattening pigs	1125	12
	Breeding and production pigs	1356	55
	Slaughter pigs	55419	369
North	Breeding and production pigs	4102	165
North West	Breeding and production pigs	224	9
East	Breeding and production pigs	16701	315
South West	Breeding and production pigs	1557	98
South	fattening pigs	2680	5
	Breeding and production pigs	18477	144
North	Breeding and production pigs	125	1
South West	Breeding and production pigs	408	2
South	fattening pigs	600	1
	Breeding and production pigs	221	2
North	fattening pigs	1036	3
	Breeding and production pigs	1570	4
	Slaughter pigs	8749	46

East	Breeding and production pigs	132	6
	Slaughter pigs	403	8
South West	fattening pigs	1014	18
South	fattening pigs	1690	4
	Breeding and production pigs	3	1
South West	fattening pigs	584	1
South	Slaughter pigs	225	1
		176306	1924

Importdata 1999

Country of origin	Kring	Species	No. Of animals	No. Of Shipments
Germany	North	fattening pigs	683	6
		Breeding and production pigs	1107	16
		Slaughter pigs	6229	32
	East	fattening pigs	9213	38
		Breeding and production pigs	738	32
		Slaughter pigs	1424	8
	South West	fattening pigs	7580	11
		Breeding and production pigs	20	5
		Slaughter pigs	7700	30
	South	Breeding and production pigs	440	28
		Slaughter pigs	372	8
		Breeding and production pigs	48	5
France	North	Slaughter pigs	96	2
		fattening pigs	59	2
		Breeding and production pigs	368	11
	East	Slaughter pigs	40038	324
		Breeding and production pigs	88	7
		Slaughter pigs	110	1
	South West	Slaughter pigs	240	1
		Slaughter pigs	3333	37
		Breeding and production pigs	371	7
	South	Slaughter pigs	12575	50
		Breeding and production pigs	371	7
		Slaughter pigs	167	1
Italy	North	Breeding and production pigs	966	30
		Slaughter pigs	91100	548
		fattening pigs	753	3
	North West	Breeding and production pigs		
		Slaughter pigs		
		fattening pigs		
	East	Breeding and production pigs		
		Slaughter pigs		
		fattening pigs		
	South West	Breeding and production pigs		
		Slaughter pigs		
		fattening pigs		
	South	Breeding and production pigs		
		Slaughter pigs		
		fattening pigs		
Belgium	North	Breeding and production pigs		
		Slaughter pigs		
		fattening pigs		
	North West	Breeding and production pigs		
		Slaughter pigs		
		fattening pigs		
	East	Breeding and production pigs		
		Slaughter pigs		
		fattening pigs		
	South West	Breeding and production pigs		
		Slaughter pigs		
		fattening pigs		
	South	Breeding and production pigs		
		Slaughter pigs		
		fattening pigs		

		Breeding and production pigs	290	4
	South	Slaughter pigs	84395	496
		fattening pigs	937	6
		Breeding and production pigs	1392	35
UK		Slaughter pigs	166036	1077
	20	Breeding and production pigs	106	3
	North	Breeding and production pigs	8148	259
	North West	Breeding and production pigs	106	3
	East	Breeding and production pigs	5420	291
	South West	Breeding and production pigs	1373	114
	South	Breeding and production pigs	3739	69
Denmark	North	fattening pigs	2868	13
		Breeding and production pigs	1057	10
		Slaughter pigs	71903	374
	East	fattening pigs	1670	5
		Breeding and production pigs	109	1
		Slaughter pigs	692	3
	South West	fattening pigs	913	15
		Breeding and production pigs	116	5
	South	Slaughter pigs	682	3
Spain	East	Slaughter pigs	500	2
	South West	Slaughter pigs	420	2
	South	Slaughter pigs	1090	5
Austria	South	Slaughter pigs	225	1
Sweden	North	Slaughter pigs	112	1
Total			540488	4047

Export data 1998

KRING COUNTRY		DESRPTION	QUANTITY SHIPMENTS	
North	Germany	Breeding/Production Pigs	27102	145
		Fattening Pigs	129334	675
		Slaughter Pigs	208770	1699
	France	Breeding/Production Pigs	360	1
		Fattening Pigs	1855	8
		Slaughter Pigs	27962	138
	Italy	Breeding/Production Pigs	3387	27
		Fattening Pigs	17817	45
		Slaughter Pigs	37144	152
	Belgium	Breeding/Production Pigs	4938	29
		Fattening Pigs	6780	25
		Slaughter Pigs	3657	38
	Spain	Breeding/Production Pigs	3711	9
		Fattening Pigs	130025	198
		Slaughter Pigs	4385	16
	Portugal	Slaughter Pigs	678	4
	Austria	Breeding/Production Pigs	700	1
		Fattening Pigs	5349	9
		Slaughter Pigs	1512	9
East	Germany	Breeding/Production Pigs	47925	231
		Fattening Pigs	327786	1703
		Slaughter Pigs	383303	2640
	France	Breeding/Production Pigs	7949	25
		Fattening Pigs	15666	42
		Slaughter Pigs	10031	71
	Italy	Breeding/Production Pigs	3431	26
		Fattening Pigs	16217	48
		Slaughter Pigs	77750	452
	Belgium	Breeding/Production Pigs	25445	151
		Fattening Pigs	50576	219
		Slaughter Pigs	15844	190
	Luxembourg	Slaughter Pigs	546	3
	Greece	Breeding/Production Pigs	1700	4
		Fattening Pigs	1954	2
		Slaughter Pigs	791	2

	Spain	Breeding/Production Pigs	45348	83
		Fattening Pigs	176704	315
		Slaughter Pigs	4385	25
	Austria	Fattening Pigs	600	2
		Slaughter Pigs	2180	12
South-West	Germany	Breeding/Production Pigs	8308	44
		Fattening Pigs	8579	31
		Slaughter Pigs	71271	264
	France	Breeding/Production Pigs	1758	8
		Fattening Pigs	400	1
		Slaughter Pigs	4078	23
	Italy	Breeding/Production Pigs	3901	12
		Fattening Pigs	3460	7
		Slaughter Pigs	40676	254
	Belgium	Breeding/Production Pigs	9921	22
		Fattening Pigs	3438	8
		Slaughter Pigs	15019	61
	Spain	Breeding/Production Pigs	4976	8
		Fattening Pigs	17947	27
		Slaughter Pigs	2964	6
South	Germany	Breeding/Production Pigs	14439	68
		Fattening Pigs	222043	841
		Slaughter Pigs	181138	1134
	France	Breeding/Production Pigs	3155	4
		Fattening Pigs	27578	68
		Slaughter Pigs	39305	217
	Italy	Breeding/Production Pigs	18378	49
		Fattening Pigs	84232	144
		Slaughter Pigs	78716	461
	Belgium	Breeding/Production Pigs	22501	150
		Fattening Pigs	232627	1045
		Slaughter Pigs	62051	764
	Luxembourg	Fattening Pigs	405	1
		Slaughter Pigs	1861	31
	Greece	Fattening Pigs	1195	3
		Slaughter Pigs	2991	4
	Spain	Breeding/Production Pigs	38978	76
		Fattening Pigs	354730	616
		Slaughter Pigs	17574	59

Portugal	Slaughter Pigs	233	1
Austria	Fattening Pigs	1573	2
	Slaughter Pigs	6377	26
Total		3440373	16014

Export data 1999

KRING	COUNTRY	DESCRIPTION	QUANTITY	SHIPMENTS
North	Germany	Breeding/Production Pigs	30202	132
		Fattening Pigs	185746	966
		Slaughter Pigs	279165	1834
	France	Breeding/Production Pigs	1540	4
		Fattening Pigs	2915	9
		Slaughter Pigs	17304	92
	Italy	Breeding/Production Pigs	1913	8
		Fattening Pigs	41167	86
		Slaughter Pigs	33188	147
	Belgium	Breeding/Production Pigs	3539	24
		Fattening Pigs	2136	12
		Slaughter Pigs	7344	80
	Spain	Breeding/Production Pigs	1923	6
		Fattening Pigs	146675	225
		Slaughter Pigs	4202	9
	Austria	Breeding/Production Pigs	15	1
		Slaughter Pigs	213	1
East	Germany	Breeding/Production Pigs	9009	67
		Fattening Pigs	556824	2707
		Slaughter Pigs	433215	3051
	France	Breeding/Production Pigs	1287	4
		Fattening Pigs	66354	109
		Slaughter Pigs	17017	92

Italy	Breeding/Production Pigs	1154	25
	Fattening Pigs	46713	84
	Slaughter Pigs	66890	440
Belgium	Breeding/Production Pigs	5568	83
	Fattening Pigs	77964	288
	Slaughter Pigs	14643	127
Luxembourg	Slaughter Pigs	681	12
Greece	Breeding/Production Pigs	155	1
Spain	Breeding/Production Pigs	4117	10
	Fattening Pigs	195632	309
	Slaughter Pigs	919	6
Austria	Breeding/Production Pigs	146	1
	Fattening Pigs	337	1
	Slaughter Pigs	576	5
South-West Germany	Breeding/Production Pigs	2597	18
	Fattening Pigs	28991	130
	Slaughter Pigs	89802	559
France	Breeding/Production Pigs	117	1
	Fattening Pigs	1885	6
	Slaughter Pigs	15888	92
Italy	Breeding/Production Pigs	249	2
	Fattening Pigs	8511	21
	Slaughter Pigs	96032	522
Belgium	Breeding/Production Pigs	11401	25
	Fattening Pigs	1773	3
	Slaughter Pigs	18405	62
Spain	Breeding/Production Pigs	2064	5
	Fattening Pigs	31654	68
	Slaughter Pigs	1244	6
South Germany	Breeding/Production Pigs	199271	509
	Fattening Pigs	498267	1789
	Slaughter Pigs	395871	2326
France	Breeding/Production Pigs	10930	20
	Fattening Pigs	49044	100
	Slaughter Pigs	62618	345

Italy	Breeding/Production Pigs	45792	103
	Fattening Pigs	147719	223
	Slaughter Pigs	92015	578
Belgium	Breeding/Production Pigs	71448	417
	Fattening Pigs	318320	1322
	Slaughter Pigs	83511	935
Luxembourg	Slaughter Pigs	1888	52
Greece	Breeding/Production Pigs	443	3
	Slaughter Pigs	4822	9
Spain	Breeding/Production Pigs	116872	195
	Fattening Pigs	415265	627
	Slaughter Pigs	49724	27
Austria	Fattening Pigs	335	2
	Slaughter Pigs	6073	29
Total		5139229	22189

National movements

Within the Netherlands the national I and R system is operational.

In this system in which every pigholder with one or more pigs, is obliged to register the farm.

This registration is done by the Animal Health Service in Deventer. This Service registers the farm by UBN (Unique farm number).

All pigs have to be eartagged within one week after weaning with a synthetic eartag consisting of the Unique farm number and the letters NL. When pigs are moved for slaughter a second (metal) tag is added.

The farmers are obliged to report each transport to or from the farm by telephone by means of voice response or by computer to the Identification and Registration Bureau of the Animal Health Service in Deventer.

Also the collection centres and slaughterhouses are obliged to report the received transports and in case of collection centres the transport leaving these centres.

All data of these movements are collected in a central database that matches the reports on the outgoing and incoming transports.

All slaughterhouses and collection centres also are registered by UBN by the Animal Health Service in Deventer.

The report includes the UBN of the sender, the UBN of the receiver, the number and category of pigs, the date of transport, and the registration plate of the transport vehicle. Each transport must be accompanied by a document containing the same information.

At random the farms are inspected on the spot on the application of the I and R regulations.

If the regulations are not obeyed prosecution will take place.

Figures on the national movement 1999

Transports of pigs in the Netherlands based on I&R reports, 1999

Month	Type of transport	Number of reports	Number of transported pigs
jan-99	VA to VA	13.901	1.259.964
	VA to SL	30.061	1.573.290
	VA to EVP	5.135	243.135
	EVP to SL	637	14.642
	SL to SL	928	
	Total jan.	50.662	3.091.031
feb-99	VA to VA	13.264	1.186.385
	VA to SL	33.946	1.440.345
	VA to EVP	4.749	207.610
	EVP to SL	698	14.642
	SL to SL	575	5.628
	Total febr.	53.232	2.854.610
mrt-99	VA to VA	15.498	1.412.790
	VA to SL	37.075	1.761.434
	VA to EVP	4.975	190.903
	EVP to SL	812	18.577
	SL to SL	566	5.191
	Total march	58.926	3.388.895
apr-99	VA to VA	14.638	1.330.134
	VA to SL	32.077	1.524.877
	VA to EVP	4.646	198.109
	EVP to SL	659	14.370
	SL to SL	513	13.006
	Total april	52.533	3.080.496
may-99	VA to VA	13.847	1.290.872
	VA to SL	28.268	1.465.198
	VA to EVP	4.695	189.641
	EVP to SL	662	15.728
	SL to SL	521	5.145
	Total may	47.993	2.966.584
jun-99	VA to VA	15.174	1.410.545
	VA to SL	30.662	1.637.254
	VA to EVP	4.513	172.403
	EVP to SL	259	16.640
	SL naar SL		
	Total june	50.608	3.236.842
jul-99	VA to VA	15.182	1.367.677
	VA to SL	26.662	1.465.057
	VA to EVP	4.441	161.528
	EVP to SL	237	21.647
	SL to SL		
	Total july	46.522	3.015.909

aug-99	VA to VA	14.190		1.341.237	
	VA to SL	28.388		1.531.846	
	VA to EVP	4.736		162.899	
	EVP to SL	290		21.433	
	SL to SL				
	Total aug.		47.604		3.057.415
sep-99	VA to VA	14.492		1.354.713	
	VA to SL	29.029		1.583.695	
	VA to EVP	5.509		214.281	
	EVP to SL	271		21.442	
	SL to SL				
	Total sept.		49.301		3.174.131
oct-99	VA to VA	13.674		1.293.358	
	VA to SL	28.222		1.531.287	
	VA to EVP	5.384		218.018	
	EVP to SL	273		20.841	
	SL to SL				
	Total oct.		47.553		3.063.504
nov-99	VA to VA	13.599		1.292.408	
	VA to SL	30.117		1.625.958	
	VA to EVP	6.040		237.294	
	EVP to SL	253		21.888	
	SL to SL				
	Total nov.		50.009		3.177.548
dec-99	VA to VA	14.533		1.347.329	
	VA to SL	28.972		1.630.431	
	VA to EVP	6.123		254.189	
	EVP to SL	252		22.534	
	SL to SL				
	Totaal dec.		49.880		3.254.483
	Total 1999		604.823		37.361.448
			reports		pigs

VA = pig farm
 SL =
 slaughterhouse
 EVP = collection centre